Indigo Wolf-Garraway
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Computer Science undergraduate student at the University of Southampton, entering penultimate year, with an interest in full-stack web development and scalable application design. Experienced in Python and JavaScript with a solid foundation in Java and C, and motivated by challenging tasks that require creativity and strong problem-solving skills.

WORK EXPERIENCE

Women in ECS Society, Southampton — *Outreach Officer:* June 2025 – PRESENT

- Organised outreach events to inspire female students to pursue studies in ECS.
- Managed communication with schools and partners to coordinate workshops and career talks.
- Contributed to promotion of women in ECS events through university outreach channels.

Southampton University Cyber Security Society, Southampton — *Secretary:* June 2024 – June 2025

- Recorded and distributed meeting minutes and coordinated society meetings.
- Facilitated and helped run large cyber security events and capture the flag competitions with over a hundred people.
- Helped promote events through online platforms and internal mailing lists, increasing member engagement.

Dragon Cat Cafe, London — *Barista:* July 2022 – September 2022

- Managed high-volume customer orders efficiently, demonstrating strong time management and multitasking skills.
- Collaborated with team members to ensure smooth operations, showing effective teamwork and problem-solving

EDUCATION

University of Southampton, Southampton — *Computer Science BSc:* September 2023 – PRESENT

Year 1: 77.5%

Foundation Year: 87%

Modules: Mathematics A: 94%, Mathematics B: 99%, Mechanical Science: 86%, Electricity and Electronics: 95%, Engineering Principles: 73%, Routes to Success: 75%, Coursework: 87%

Godolphin and Latymer, London — *A Levels:* September 2021 – June 2023

Mathematics, Computer Science, Physics

PROJECTS

[indigowg.com](#) – Personal Portfolio

Developed as a digital portfolio and project showcase using HTML and CSS, this website highlights my skills in web development and illustration. The site features a clean, retro-inspired interface with responsive layout and interactive features. Check my website if you want to find out more about my other projects!

Lost & Found – A Level NEA

Developed a web application for managing clothing rentals as part of my NEA project, using HTML, CSS, and JavaScript to promote the reuse of clothing and limiting fast fashion. Implemented a locally hosted database to track users and items, enabling secure storage and retrieval of data. The web application also included a dynamic pricing system.

Maze Runner – Python Algorithm Project

Designed and developed a Python program that takes a maze as input and outputs the optimal path to reach the goal. Implemented efficient pathfinding algorithms and data structures to handle varying maze sizes, demonstrating algorithmic thinking, debugging, and problem-solving skills.

Academic Records Management – Data Management Coursework

Developed Bash scripts to transform XML records into structured CSV files and implemented a fully normalised SQLite database. Applied relational modelling, normalisation (1NF-3NF), and SQL querying to analyse and manage university data. Report produced in LaTeX.